



SHEET 1 of 1

FORM PTOL 1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: NAS-001 APPLICANTS: Sanders SERIAL NO.: 10/664,408 FILING DATE: September 17, 2003 GROUP: Not yet assigned
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U.S. PATENT DOCUMENTS

EXAM INIT.		DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A42	US H1447	6/6/95	Linton			
	A43	US 6,395,149	5/28/02	Palmgren			

EXAMINER	DATE CONSIDERED
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FOREIGN PATENT DOCUMENTS

EXAM INIT.		DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	0 897 745 A1	2/24/99	EP					Y
	B2	2003105640	9/4/03	JP					Y

EXAMINER	DATE CONSIDERED
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OTHER ART, JOURNAL ARTICLES, ETC.

EXAM INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C12	Henderson et al., (1984) "Coated Silica Shells: an Advanced Hydrogen Storage System" <i>World Hydrogen Energy Conference</i> , Conf. 340702 vol. 5, 1984, pp. 1415-1418.

EXAMINER	DATE CONSIDERED 9/13/05
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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>[Handwritten mark]</i>	A1	3,577,324	05/04/71	Patterson	204	20	
<i>[Handwritten mark]</i>	A2	3,632,496	01/04/72	Patterson et al.	204	249	
<i>[Handwritten mark]</i>	A3	3,899,351	08/12/75	Maurer et al.	136	34	
<i>[Handwritten mark]</i>	A4	4,211,537	07/08/80	Teitel	48	191	
<i>[Handwritten mark]</i>	A5	4,302,217	11/24/81	Teitel	48	180	
<i>[Handwritten mark]</i>	A6	4,336,226	06/22/82	Christensen	422	109	
<i>[Handwritten mark]</i>	A7	4,430,391	02/7/84	Ovshinsky et al.	429	40	
<i>[Handwritten mark]</i>	A8	4,431,561	02/14/84	Ovshinsky et al.	252	184	
<i>[Handwritten mark]</i>	A9	4,487,818	12/11/84	Ovshinsky et al.	429	44	
<i>[Handwritten mark]</i>	A10	4,623,597	11/18/86	Sapru et al.	429	101	
<i>[Handwritten mark]</i>	A11	4,637,990	01/20/87	Torobin	502	10	
<i>[Handwritten mark]</i>	A12	4,793,980	12/27/88	Torobin	423	213.5	
<i>[Handwritten mark]</i>	A13	4,943,355	07/24/90	Patterson	204	20	
<i>[Handwritten mark]</i>	A14	5,036,031	07/30/91	Patterson	502	10	
<i>[Handwritten mark]</i>	A15	5,096,667	03/17/92	Fetcenko	420	580	
<i>[Handwritten mark]</i>	A16	5,104,617	04/14/92	Fetcenko et al.	420	588	
<i>[Handwritten mark]</i>	A17	5,135,589	08/04/92	Fetcenko et al.	148	442	
<i>[Handwritten mark]</i>	A18	5,277,998	01/11/94	Furukawa et al.	429	59	
<i>[Handwritten mark]</i>	A19	5,292,557	03/08/94	Olson	427	437	
<i>[Handwritten mark]</i>	A20	5,318,675	06/07/94	Patterson	204	86	
<i>[Handwritten mark]</i>	A21	5,348,822	09/20/94	Ovshinsky et al.	429	223	
<i>[Handwritten mark]</i>	A22	5,376,474	12/27/94	Tadokoro et al.	429	59	
<i>[Handwritten mark]</i>	A23	5,384,210	01/24/95	Furukawa	429	59	

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 PATENT & TRADEMARK OFFICE

A24	5,387,478	02/07/95	Muta et al.	429	59	
A25	5,523,182	06/04/96	Ovshinsky et al.	429	223	
A26	5,576,116	11/19/96	Sanchez et al.	429	59	
A27	5,585,112	12/17/96	Unger et al.	424	450	
A28	5,607,563	03/04/97	Patterson et al.	204	269	
A29	5,632,871	05/27/97	Patterson	204	275	
A30	5,635,038	06/03/97	Patterson	204	222	
A31	5,814,108	09/29/98	Nanamoto et al.	29	623.1	
A32	6,231,642 B1	05/15/01	Shelby et al.	95	45	
A33	6,315,981 B1	11/13/01	Unger	424	9.323	
A34	6,440,607 B1	08/27/02	Harada et al.	429	223	
A35	6,445,195 B1	09/03/02	Ward	324	684	
A36	6,445,196 B1	09/03/02	White	324	726	
A37	6,447,699 B1	09/10/02	Bernard et al.	252	521.2	
A38	6,447,942 B1	09/10/02	Ovshinsky et al.	429	27	
A39	6,447,953 B1	09/10/02	Fierro et al.	429	223	
A40	6,455,195 B1	09/24/02	Matsuura et al.	429	218.2	
A41	6,455,196 B1	09/24/02	Kato et al.	429	223	

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OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)

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| C1 | Battery Technologies, Inc., http://www.bti.ca/ramcon.htm , printed December 8, 2001, 3 pages |
| C2 | Colossus, http://colossus.chem.umass.edu/chandler/ch112/cells.htm , printed December 8, 2002, 6 pages. |
| C3 | Kopera, John C., "Inside the Nickel Metal Hydride Battery", Texaco Ovonic Battery Systems LLC, 15 pages, July 25, 2002. |
| C4 | Huanyubattery, http://hyper.net.cn/know/12.htm , printed November 14, 2002, 3 pages. |
| C5 | Moltech, http://www.moltech.com/techdata/appmanuals/NiMH Application Manual.asp , printed November 14, 2002, 22 pages. |
| C6 | Nelson, Robert, "The Basic Chemistry of Gas Recombination in Lead-Acid Batteries", JOM, http://www.tms.org/pubs/journals/JOM/0101/Nelson-0101.html , pp.28-33, printed October 30, 2002. |
| C7 | Panasonic, "Nickel Metal Hydride Handbook", 5 pages, February 2002 |
| C8 | Saft Automotive, http://www.saftbatteries.com/automotive/uk/datasheet/d2_3.htm , printed December 8, 2002, 2 pages |
| C9 | Granta Design, http://www.grantadesign.com/solutions/metalfoams.htm , printed November 25, 2002, 3 pages. |
| C10 | Munehisa Ikoma, Shinji Hamada, Nobuyasu Mishita, Yasuko Hoshina, Hiromu Matsuda, Kazuhiro Ohta, Tadao Kimura, "Development of a Nickel/Metal Hydride Battery (Ni/MH) System for EV Application", The Electrochemical Society Proceedings Volume 94-27, pp 370-380, (September 14, 2002). |
| C11 | Lipka, Steven M. and Nechev, Kamen S., "Silver Oxide-Metal Hydride Cell: Preliminary Performance and Analysis", The Electrochemical Society Proceedings Volume 94-27, pp. 381-392, (September 14, 2002). |

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John Mural
examiner

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